

Oil Field Environmental Incident Summary

Incident: 20151215171934 **Date/Time of Notice:** 12/15/2015 17:19

Responsible Party: C12 ENERGY: NORTH DAKOTA LLC

Well Operator: C12 ENERGY: NORTH DAKOTA LLC

Well Name: DICKINSON-HEATH-SAND UNIT 78

Field Name: DICKINSON

Well File #: 13622

Date Incident: 12/15/2015 **Time Incident:** 15:00

Facility ID Number:

County: STARK

Twp: 139

Rng: 97

Sec: 3

Qtr: NW NE

Location Description: Spill occurred on pipeline from DHSU #78 in pasture, halfway in between DHSU #59 and DHSU #78.

Submitted By: Gavin Ramsay

Received By:

Contact Person: Gavin Ramsay
1900 WAZEE ST
SUITE 200
DENVER, CO 94794

General Land Use: Pasture

Affected Medium: Soil and Water

Distance Nearest Occupied Building: 1000 Feet

Distance Nearest Water Well: 1000 Feet

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	10	Barrels			10	barrels
Brine	50	Barrels			0	barrels

Other

Description of Other Released Contaminant:

Pipeline was carrying produced fluid, consisting of mostly brine and some oil.

Inspected:

Written Report Received: 8/19/2016

Clean Up Concluded: 12/18/2015

Risk Evaluation:

No immediate risk as DHSU #78 has been shut in and the line is depressurized from the spill.

Areal Extent:

60' Long x 15' Wide

Potential Environmental Impacts:

Some of the oil has run into small creek bottom.

Action Taken or Planned:

DHSU #78 was immediately shut in. Plan to flush out flow line with fresh water. Emergency 1 call has been placed and as soon as it has cleared, we will look to start removing all contamination.

Wastes Disposal Location: Hazardous disposal site, to be determined by contractor

Agencies Involved: Nicole Nelson with NDIC

Updates

Date: 12/16/2015 **Status:** Reviewed - Follow-up Required

Author: Cooper, Mike

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site 10:00 a.m. Temp 21 degrees, Wind 10-15 mph NE. Excavation crew is on site, as well as multiple side dump trucks. Photos taken. Met with c12 energy contact and discussed possible options and what can be done, weather permitting. Oil itself is clumpy and not Bakken Crude. Oil seems to have frozen in place after release. Did not see any evidence of saltwater contamination in the dry creek bed. Company plan is to excavate as much as possible and haul away contaminated soil. Pipeline section will be replaced as soon as possible. I communicated to the c12 contact that confirmation samples must be taken to ensure that the saltwater did not enter the dry creek bed. Further followup is required to check on confirmation sample analysis, disposal, full extent of excavation and vegetative growth.

Date: 12/18/2015 **Status:** Inspection

Author: Cooper, Mike

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site at 11:45 a.m., 7 degrees, wind 0-5 mph NE. Material still left on site for backfill. Pipeline has been fixed, welded and pressure tested. Near the dry creek bed, there are oil remnants that need to be scraped up. Further followup is necessary to check for (1) excavation of the frozen, clumped oil material near creek bed, (2) disposal and (3) proper vegetative growth for the surrounding area.

Date: 2/3/2016 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Company contact checking status of the site. Will send letter with response about site.